

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor(s): Satoru Miyano, et al.

Appln. No.: Unknown

Confirm. No.: Unknown

Filed: Herewith

Title: NONLINEAR MODELING OF GENE NETWORKS
FROM TIME SERIES GENE EXPRESSION DATA

PATENT APPLICATION

Art Unit: Pending

Examiner: Pending

22389 U.S.PTO
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Customer No.: 23910

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(Signature)

D. Benjamin Borson

Signature Date: November 18, 2003

UTILITY PATENT APPLICATION TRANSMITTAL LETTER UNDER 37 C.F.R. §1.53(b)

Mail Stop PATENT APPLICATION
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Sir:

Transmitted herewith for filing is the patent application identified as follows:

Inventor(s): Satoru Miyano, Seiya Imoto, Sun Yong Kim

Title: NONLINEAR MODELING OF GENE NETWORKS FROM TIME SERIES
GENE EXPRESSION DATA

No. of pages in Specification (including claims and abstract): 28; No. of Claims: 44.

No. of Sheets of Drawings: 6; Formal: ✓, Informal: _____.

Also enclosed are:

- A Declaration.
- An Assignment and Recordation Form Cover Sheet.
- A certified copy of a priority application.
- A Power of Attorney.
- An Information Disclosure Statement Under 37 C.F.R. §1.56.

The filing fee pursuant to 37 C.F.R. §1.16 is determined as follows:

Applicant(s) qualify for small entity status under 37 C.F.R. § 1.27.

For	Number Filed	Number Extra	Rate Small Entity/Other Than Small Entity	Total
BASIC FEE (37 CFR 1.16(a))			\$385.00 \$770.00	\$ 385.00
TOTAL CLAIMS (37 CFR 1.16(c))	<u>44</u> - 20	<u>24</u> *	X \$ 9.00 X \$ 18.00	\$ 216.00
INDEPENDENT CLAIMS (37 CFR 1.16(b))	<u>6</u> - 3	<u>3</u> *	X \$ 43.00 X \$ 86.00	\$ 129.00
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			+ \$145.00 + \$290.00	\$
			TOTAL	\$ 730.00

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A check in the amount of \$ 730.00 to cover the filing fee (\$_____), and assignment recording fee (\$40.00), if applicable, is enclosed.

Please charge Deposit Account No. 06-1325 in the amount of \$_____ to cover the filing fee (\$_____), and assignment recording fee (\$40.00), if applicable.

✓

The Commissioner is hereby authorized to charge any deficiencies or credit overpayment to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

This application is filed pursuant to 37 C.F.R. §1.53(b) in the name of the above-identified Inventor(s).

✓

This application claims priority to an earlier-filed Provisional patent application, as set forth more fully in this application.

Please direct all correspondence concerning the above-identified application to the following address:

Sheldon R. Meyer
FLIESLER DUBB MEYER & LOVEJOY LLP
Four Embarcadero Center, Fourth Floor
San Francisco, California 94111-4156
Telephone: (415) 362-3800

Respectfully submitted,

Date: Nov. 18, 2003

By: D. Benjamin Borson

D. Benjamin Borson
Reg. No. 42,349

FLIESLER DUBB MEYER & LOVEJOY LLP
Four Embarcadero Center, Fourth Floor
San Francisco, California 94111-4156
Telephone: (415) 362-3800